

ABSTRACT OF THE DISCLOSURE

A method of repairing data line defects and flat panel display incorporating the same. The shielding metal lines are disposed beside the data lines and the backup wires are across the adjacent data lines/shielding metal lines to repair disconnection defects in data lines. If several defects occur in the same data line, each defect can be repaired by laser fusing using the adjacent, suitable shielding metal line and the corresponding backup wires to detour around the defect to create an electrical loop. The flat panel display further comprises the shielding metal lines disposed beside the gate lines and the backup wires across the adjacent gate lines/shielding metal lines to repair disconnection defects in gate lines.